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**CENTRAL INTELLIGENCE GROUP**  
**INTELLIGENCE REPORT**

COUNTRY USSR

SUBJECT Tank Specifications

DIST. <sup>21</sup> June 1947

PAGES 2

SUPPLEMENT

50X1-HUM

ORIGIN

DISTRIBUTION

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STATE	WAR	NAVY	JUSTICE				

1. The T-60 m/42, a heavier type of T-60 tank, appeared to have been put into operation by the Russians in 1944. It weighed 7 tons, as opposed to the older model's 5.5 tons, but carried the same armament - one 20mm gun and one tank machine gun.
2. The T-70 was also produced in a newer model, the T-70 m/42, which weighed 16 tons as opposed to 9.2 tons of the old model. The armament remained the same - one 45mm gun and one Degtyarev machine gun. The armor of the T-70 m/42 was estimated to be 30mm thick.
3. Several new types developed from the T-34 also appeared in action in 1944. The latest models were the fully-streamlined types T-34 m/43 and m/44, with cast-steel turrets equipped with armored domes for greater ease in observation.
4. Specifications of other types of Russian tanks in operation in 1944 are as follows:

a. T-34 m/43

Weight: 28 tons (formerly 25 tons)  
Length: 6.2m (formerly 5.9m)  
Breadth: 3.8m (formerly 3.0m)  
Height: 2.7m (formerly 2.4m)  
Armament: one 76.2mm gun (dead area: 0 to 50 meters)  
          one Degtyarev MG (dead area: 0 to 25 meters)  
Armor: turret of cast steel 55mm thick; armor generally strengthened  
Performance: negotiates obstacles 85cm high, and 180cm obstacles sloping 60° from the vertical.

b. T-34 m/44

Weight: 36 tons; the addition of a large new gun turret and the strengthening of the armor increased the weight.  
Armament: one 85mm/53 caliber gun. (The 76.2mm gun in the earlier T-34 was 30.5 caliber; in the later models, 41.5 caliber.)  
Radio equipment: built-in radio, possibly of the RSB type.  
Operational range: 300 km; fuel carried for 10 or 11 hours.  
Speed: 43 km per hour.  
Ammunition: 100 rounds, 85mm  
          2,300 rounds, MG

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c. Heavy IS 122 (KV-IS)

Weight: 42.5 tons  
 Length: 6.75m  
 Breadth: 3.25m  
 Height: 2.6m  
 Armament: one 112mm ZIS-5 gun, equipped with muzzle-brakes, 43 caliber;  
 three Degtyarev MGs, one placed at a low level in front, one in  
 front of turret and coupled to the gun, and one in the rear of  
 the turret.  
 Operational range: 200 km  
 Speed: 45 km per hour  
 Engine: 600 HP Diesel  
 Performance: climb - 40°  
 negotiate - 2.5m  
 fords - 1.6m deep

d. Heavy KV (rebuilt KV I from the Kirov factory)

Weight: 48 tons  
 Length: 6.4m  
 Breadth: 3.42m  
 Height: 2.71m  
 Armament: one 76mm gun  
 three Degtyarev MGs  
 Armor: fore-part - 78-80mm, flank 45-50mm;  
 rear-part - 40-45mm, turret 75-80mm;  
 base - 35-40mm. Will negotiate an obstacle of 73-80 cm head-on.  
 Operational range: 200 to 250 km.  
 Speed: 45 km per hour  
 Engine: 600 HP  
 Ammunition: 115 rounds, 76mm;  
 3,000 rounds, MG

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